	1			
L Number	Hits		DB	Time stamp
2	1	235/\$.ccls. and card same magnetic with	USPAT;	2004/09/07 13:45
		(protect\$4) with (coat\$4 or film or layer)	US-PGPUB;	1
		same friction	EPO; JPO	
1 '	76	235/\$.ccls. and card same magnetic with	USPAT;	2004/09/07 13:46
		(protect\$4) with (coat\$4 or film or layer)	US-PGPUB;	1
		, , , , , , , , , , , , , , , , , , , ,	EPO; JPO	1
3	1	235/\$.ccls. and card same magnetic with	USPAT;	2004/09/07 13:49
1		(protect\$4) with (coat\$4 or film or layer)	US-PGPUB;	-301,03,0, 13.49
		with (perme\$8 or saturat\$8)	EPO; JPO	
4	11			2004/09/07 13:53
] -	11		USPAT;	2004/09/0/ 13:53
	1	(isotropic or anisotropic or platinum)	US-PGPUB;	1
5	4.		EPO; JPO	0004/05/05 55 55
٦	11	,	USPAT;	2004/09/07 13:55
		platinum)	US-PGPUB;	
			EPO; JPO	
6	9	(USPAT;	2004/09/07 13:53
		platinum)) not (235/\$.ccls. and card same	US-PGPUB;	
	1	magnetic with (isotropic or anisotropic or	EPO; JPO	
	1	platinum))		
7	27		USPAT;	2004/09/07 13:59
	1	platinum)	US-PGPUB;	
	1	•	EPO; JPO	
8	2052	magnetic with platinum	USPAT;	2004/09/07 14:00
1	2002	The state of the s	US-PGPUB;	2004/05/07 14.00
			EPO; JPO	
9	2108	magnetic\$4 with platinum	1 '	2004/00/07 14:00
1	2108	magnetic\$4 with platinum	USPAT;	2004/09/07 14:00
			US-PGPUB;	
1.0			EPO; JPO	1
10] 1	magnetic\$4 with platinum with alloy same	USPAT;	2004/09/07 14:01
	l	card	US-PGPUB;	
1	1		EPO; JPO	
11	23	magnetic\$4 with (platinum or alloy) same	USPAT;	2004/09/07 14:07
		card same read\$4	US-PGPUB;	
1			EPO; JPO	
12	2	235/\$.ccls. and magnetic same card same	USPAT;	2004/09/07 14:13
	1	(friction with (layer or coating))	US-PGPUB;	
			EPO; JPO	
13	16	magnetic\$4 same card same (friction with	USPAT;	2004/09/07 14:19
	•	(layer or coating))	US-PGPUB;	2004/05/0/ 14:19
		(Layer or coacting))		
14	E 2	magnetics and conditions (EPO; JPO	2004/00/07 11 05
14	53	magnetic\$4 same card same (permeable)	USPAT;	2004/09/07 14:20
1	1		US-PGPUB;	
1,5	_		EPO; JPO	
15	3	magnetic\$4 same card same (permeable) same	USPAT;	2004/09/07 14:22
	ļ	satur\$4	US-PGPUB;	
1			EPO; JPO	
16	100	(magnetic\$4 with permeable) and (magnetic	USPAT;	2004/09/07 14:23
		with saturable)	US-PGPUB;	
1			EPO; JPO	ļ i
17	0	(magnetic\$4 with permeable) and (magnetic	USPAT;	2004/09/07 14:23
		with saturable) and card	US-PGPUB;	
		· · · · · · · · · · · · · · · · · · ·	EPO; JPO	
18	100	(magnetic\$4 with permeable) and (magnetic	USPAT;	2004/09/07 14:28
		with saturable)	US-PGPUB;	2003/03/07 14.20
			EPO; JPO	
19	6	(magnetic\$4 with permeable) and (magnetic		2004/00/07 11 15
*	ا		USPAT;	2004/09/07 14:41
		with saturable) and (card or carrier)	US-PGPUB;]
20	0.0000	025//400 407 400 454 454 ********	EPO; JPO	
20	268232	235/(492, 487, 493, 451, 454, "435").ccls.	USPAT;	2004/09/07 14:41
			US-PGPUB;	
			EPO; JPO	
21	7427	235/492.ccls. 235/487.ccls. 235/493.ccls.	USPAT;	2004/09/07 14:41
		235/451.ccls. 235/454.ccls. 235/435.ccls.	US-PGPUB;	
			EPO; JPO	
22	1779	(235/492.ccls. 235/487.ccls. 235/493.ccls.	USPAT;	2004/09/07 14:42
		235/451.ccls. 235/454.ccls. 235/435.ccls.)	US-PGPUB;	
	 	and card same magnetic\$4	EPO; JPO	l i
23	1	(235/492.ccls. 235/487.ccls. 235/493.ccls.	USPAT;	2004/09/07 14:42
		235/451.ccls. 235/454.ccls. 235/435.ccls.)	US-PGPUB;	2004/03/0/ 14:42
	 	and card same magnetic\$4 same satur\$4 same		
		permeab\$4	EPO; JPO	
		hermeansa		

1 1 1 1 1 1 1 1 1 1					
1 5174562.pm.	-	70	turnstile with card with read\$4	USPAT;	2004/08/30 17:07
2004/08/30 17:13 2004/08/30 17:13 2004/08/30 17:13 2004/08/30 17:13 2004/08/30 17:15 2004/08/30 17:15 2004/08/30 17:15 2004/08/30 17:16 2004/08/30 17:16 2004/08/30 17:16 2004/08/30 17:16 2004/08/30 17:16 2004/08/30 17:16 2004/08/30 17:16 2004/08/30 17:16 2004/08/30 17:16 2004/08/31 11:32 2004/08/31 13:16 2004/0	İ			US-PGPUB;	
1 5174562.pn. USPAT; US-PGUUB; EFO; JPO USPAT; US-GGUB; EFO; JPO				EPO; JPO	
EFO, JPO USPAT:	-	1	5174562.pn.		2004/08/30 17:13
- 1 5135212.pn. - 1 4602332.pn. 4602332.pn. and recycl34 - 0 "02017670" - 0 "02017670" - 0 "602332.pn. and recycl34 - 0 4602332.pn. and recycl34 - 0 4602332.pn. and recycl34 - 0 4602332.pn. and recycl34 - 1 4602332.pn. and recycl34 - 1 602332.pn. and recycl34 - 2 6000555.pn. 5555983.pn 2 6000555.pn. 5555983.pn 2 6000555.pn. 5555983.pn 360 235/%.ccls. and card with (memory or chip or IC or "integrated circuit" with remov84 - 360 235/%.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov84 same (sav84 or stor84) - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				US-PGPUB;	
- 1 4602332.pn.				EPO; JPO	
## 1	-	1	5135212.pn.	USPAT;	2004/08/30 17:15
- 1 4602332.pn.				US-PGPUB;	
1	1	1		EPO; JPO	
1	-	1	4602332.pn.	USPAT;	2004/08/30 17:16
1 "2017670"				US-PGPUB;	
- 0 4602332.pn. and recycl\$4 - 0 4602332.pn. and "38" - 1 4602332.pn. and "38" - 1 4602332.pn. and recycl\$4 - 2 6000555.pn. 5555983.pn 2 6000555.pn. 5555983.pn 2 6000555.pn. 5555983.pn 3601 235/8.ccls. and card with (memory or chip or IC or "integrated circuit") with remov\$4 - 3602 235/8.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 same (sard with (memory or chip or IC or "integrated card with memory or chip or IC or "integrated circuit" or storage) with remov\$4 same (sard with memory or chip or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) same (spin\$4) same (intro or reflect\$4) same (spin\$4) same (intro or reflect\$4) same (spin\$4) same (intro or orientation or setting or location) - 235/462.36.ccls. 235/462.01.ccls. 235/462.30 - 235/462.38.ccls. 235/462.01.ccls. 235/462.30 - 235/462.38.ccls. 235/462.01.ccls. 235/462.30 - 235/462.38.ccls. 235/462.01.ccls. 235/462.30 - 235/462.36.ccls. 235/462.01.ccls. 235/462.30 - 235/462.36.ccls. 235/462.30 - 235/462.36.cc				EPO; JPO	
- 0 4602332.pn. and recycl94 - 0 4602332.pn. and "38" - 1 4602332.pn. and "38" - 2 6000555.pn. 5555983.pn 2 6000555.pn. 5555983.pn 3 601 - 3 602	-			EPO	
- 0 4602332.pn. and "38"	-	1		EPO	2004/08/31 11:32
- 1 4602332.pn. and recycl\$4 - 2 6000555.pn. 5555983.pn. - 2 6000555.pn. 5555983.pn. - 3 691 235/\$.ccls. and card with (memory or chip or Ic or "integrated circuit") with remov\$4 - 360 235/\$.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 same (sav\$4 or stor\$4) - 271 235/\$.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) - 271 235/\$.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) - 14 235/\$.ccls. and (scan\$4 or read\$4) same (spin\$4) same (mirror or reflect\$4) same (start or initial reference or start\$4) near4 (position or orientation or setting or location) - 861 235/462.40.ccls. 235/462.01.ccls. 235/462.38.ccls. 235/462.01.ccls. 235/462.36.ccls 959 235/462.40.ccls. 235/462.01.ccls. 235/462.36.ccls. 235/462.01.ccls. 235/462.36.ccls. 235/462.01.ccls. 235/462.36.ccls. 235/462.01.ccls. 235/462.36.ccls. 235/462.01.ccls. 235/462.36.ccls. 235/462.01.ccls. 235/462.36.ccls. 235/462.01.ccls. USPAT; US-POPUB; EPO; JPO USP	-			1	
- 2 6000555.pn. 5555983.pn. US-PGPUB; EPG; JPO USPAR; US-PGPUB; EPG; J	-			EPO	
- 2 6000555.pn. 5555983.pn.	-	1	4602332.pn. and recycl\$4		2004/08/31 13:16
- 2 6000555.pn. 5555983.pn. USAPT; USAPTUBLE POPUB; EPO; JPO OF IC or "integrated circuit") with remov\$4 235/8.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 same (sav\$4 or stor\$4) 235/8.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) 235/8.ccls. and (scan\$4 or read\$4) same (spin\$4) same (mirror or reflect\$4) same (spin\$4) same (spin\$4) same (spin\$4) same (spin\$40.25/46.2.36.ccls. 235/462.01.ccls. 235/462.36.ccls. 235/462.30 235/462.30 235/462.35.ccls. 235/46					
- 691 235/s.ccls. and card with (memory or chip or IC or "integrated circuit") with remov\$4 235/s.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 same (sav\$4 or stor\$4\) 221 235/s.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 same (sav\$4 or stor\$4\) 225/s.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4\) 235/s.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4\) 235/s.ccls. and (scan\$4 or read\$4\) same (spin\$4\) same (mirror or reflect\$4\) same (start or initial reference or start\$4\) near4 (position or orientation or setting or location) - 861 235/462.40.ccls. 235/462.01.ccls. USPAT; USP-GPUB; EPO; JPO 235/462.36.ccls. 235/462.30 235/462.36.ccls. 235/462.30 235/462.36.ccls. 235/462.30 USPAT; USP-GPUB; EPO; JPO 255/462.36.ccls.				EPO; JPO	
Fig. 376 - 691 235/8.ccls. and card with (memory or chip or IC or "integrated circuit") with remov\$4 - 360 235/8.ccls. and card with (memory or chip or IC or "integrated circuit") or storage) with remov\$4 same (sav\$4 or stor\$4) - 217 235/8.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) - 14 225/8.ccls. and (san\$4 or stor\$4) - 15/8.cals. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) - 14 225/8.ccls. and (scan\$4 or read\$4) same (spin\$4) same (mirror or reflect\$4) same (spin\$4) same (mirror or reflect\$4) same (spin\$4) same (mirror or reflect\$4) near4 (position or orientation or setting or location) - 861 235/462.40.ccls. 235/462.01.ccls. 235/462.38.ccls. 235/462.01.ccls. 235/462.38.ccls. 235/462.30 235/462.38.ccls. 235/462.30 235/462.38.ccls. 235/462.30 235/462.38.ccls. 235/462.30 235/462.36.ccls. - 20 235/462.36.ccls. and (scan\$4 or read\$4) same (spin\$4 or rotat\$4) same (mirror or reflect\$4) same (spin\$4 or rotat\$4) same (spin\$5 or US-6454169-\$ or US-651889-\$ or US-65211-\$ or US-651889-\$ or US-65211-\$ or US-651889-\$ or US-65211-\$ or US-652513-\$ or US-605211-\$ or US-652513-\$ or US-605211-\$ or US-652020185538-\$ or US-6200185538-\$ or US-620513-\$ or US-6685211-\$ or US-6534741-\$ or US-653845-\$ or US-6551889-\$ or US-6685211-\$ or US-6534741-\$ or US-653845-\$ or US-653845-\$ or US-620513-\$ or US-60537474-\$ or US-6537474-\$ or US-653845-\$ or US-653845-\$ or US-620513-\$ or US-60537474-\$ or US-6537451-\$ or US-653845-\$ or US-653845-\$ or US-6055211-\$ or US-653845-\$ or US-6536451-\$ or US-653645-\$ or US-653645-\$ or US-653645-\$ or	-	2	6000555.pn. 5555983.pn.		2004/08/31 13:16
- 691 235/8.ccls. and card with (memory or chip or IC or "integrated circuit") with USPAT; 2004/08/31 17:11 0cl or IC or "integrated circuit" or storage) with remov94 same (sav94 or stor\$4) USPAT; 271 235/8.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov94 with (sav94 or stor\$4) EPO; JPO USPAT; US-PGPUB; with remov94 with (sav94 or stor\$4) USPAT; US-PGPUB; EPO; JPO or IC or "integrated circuit" or storage) with remov94 with (sav94 or stor\$4) USPAT; US-PGPUB; EPO; JPO uspat; U					1 .
or IC or "integrated circuit") with remov\$4 235/\$.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 same (sav\$4 or stor\$4) 103-F6PUB; big JPO USPAT; US-F6PUB; with remov\$4 with (sav\$4 or stor\$4) 104 235/\$.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) 105-F6PUB; big JPO USPAT; US-F6PUB; with remov\$4 with (sav\$4 or stor\$4) 105-F6PUB; big JPO USPAT; US-F6PUB; with remov\$4 with (sav\$4 or stor\$4) 105-F6PUB; big JPO USPAT; US-F6PUB; big JPO USPAT; USPAT; US-F6PUB; big JPO USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USP	1	1	<u> </u>		
remov\$4 235/\$.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 same (sav\$4 or stor\$4) US-PGPUB; EPO; JPO or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) US-PGPUB; EPO; JPO or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) US-PGPUB; EPO; JPO or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) US-PGPUB; EPO; JPO or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) US-PGPUB; EPO; JPO or IC or "intial reference or start\$4) US-PGPUB; EPO; JPO or IC or Intial reference or start\$4) US-PGPUB; EPO; JPO or IC or I	-	691			2004/08/31 17:11
- 360 235/\$.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 same (sav\$4 or stor\$4) - 271 235/\$.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) - 14 235/\$.ccls. and (scan\$4 or read\$4) same (spin\$4) same (sar\$4 or initial reference or star\$4)					
Or IC or "integrated circuit" or storage) with remov\$4 same (sav\$4 or stor\$4) 235/\$, ccls. and card with (memory or chip or IC or "integrated circuit" or storage) USPAT; USPGPUB; with remov\$4 with (sav\$4 or stor\$4) USPAT; USPGPUB; (spin\$4) same (mirror or reflect\$4) same (spin\$4) same (mirror or reflect\$4) same (start or initial reference or start\$4) near4 (position or orientation or setting or location) USPAT; USPAT				•	
With remov\$4 same (sav\$4 or stor\$4)	-	360	235/\$.ccls. and card with (memory or chip		2004/08/31 17:15
- 271 235/\$.ccls. and card with (memory or chip or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4)					
or IC or "integrated circuit" or storage) with remov\$4 with (sav\$4 or stor\$4) 14					
## with remov\$4 with (sav\$4 or read\$4) same (spin\$4) same (mirror or reflect\$4) same (start or initial reference or start\$4) near4 (position or orientation or setting or location) ## 861 235/462.40.ccls. 235/462.01.ccls. 235/462.38.ccls. 235/462.30 235/462.38.ccls. 235/462.30 235/462.40.ccls. 235/462.30 235/462.36.ccls. USPAT; US-PGPUB; EPO; JPO ## 200 (235/462.40.ccls. 235/462.01.ccls. USPAT; US-PGPUB; EPO; JPO USPAT; USPAT; US-PGPUB; EPO; JPO USPAT; USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO USPAT; USPAT; US-PGPUB; EPO; JPO USPAT; USPAT; US-PGPUB; EPO; JPO USPAT; US	-	271			2004/09/01 11:49
- 14 235/8.ccls. and (scan\$4 or read\$4) same (spin\$4) same (mirror or reflect\$4) same (start or initial reference or start\$4) near4 (position or orientation or setting or location) - 861 235/462.40.ccls. 235/462.01.ccls. 235/462.38.ccls. 235/462.30 235/462.38.ccls. 235/462.30 235/462.38.ccls. 235/462.01.ccls. 235/462.38.ccls. 235/462.30 235/462.36.ccls. 235/462.30 235/462.30 235/462.30 235/462.36.ccls. 235/462.30 235/46					
(spin\$4) same (mirror or reflect\$4) same (start or initial reference or start\$4) near4 (position or orientation or setting or location) 861 235/462.40.ccls. 235/462.30 235/462.38.ccls. 235/462.30 235/462.38.ccls. 235/462.30 USPAT 2004/09/01 15:07 235/462.36.ccls. 235/462.30 235/462.36.ccls. 235/462.30 USPAT; USPEDUB; EPO; JPO 235/462.36.ccls. 235/462.30 USPAT; USPEDUB; EPO; JPO USPAT; USPAT; USPEDUB; EPO; JPO USPAT; USPAT					
(start or initial reference or start\$4) near4 (position or orientation or setting or location) - 861 235/462.40.ccls. 235/462.01.ccls. 235/462.30 235/462.36.ccls. 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 235/462.30 2004/09/01 15:12 US-PEQUB; EPO; JPO SEARCH OF SEAR	-	14			2004/09/01 11:51
near4 (position or orientation or setting or location)			(spin\$4) same (mirror or reflect\$4) same		
- 861 235/462.40.ccls. 235/462.01.ccls. 235/462.30 235/462.36.ccls. 235/462.30.ccls. 255/462.30.ccls. 255/462.30.ccls. 255/462.30.ccls. 255/462.30.ccls. 255/462.30.ccls. 255/462.30.ccls. 235/462.30.ccls. 255/462.30.ccls. 235/462.30.ccls. 235/46			(start or initial reference or start\$4)	EPO; JPO	
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		US-6220513-\$).did. or (US-20040050923-\$ or		
		US-20040026513-\$ or US-20020117543-\$ or		
		US-20020185539-\$ or US-20020185538-\$ or		
		US-20020117548-\$).did.) and ((position		
	.	with speed) or (time with reference))		0004/00/01 17 01
-	1	3901806.pn.	USPAT; US-PGPUB	2004/09/01 17:01
_	1	3901806.pn.	EPO	2004/09/01 17:12
_	52		USPAT;	2004/09/01 17:12
	ì	"4907701"	US-PGPUB;	
	_		EPO; JPO	
-	5	("4987683" "5335791" "5398818" "5335790"	USPAT;	2004/09/01 17:13
		"4907701").pn.	US-PGPUB; EPO; JPO	
_	1	("9504612" "2259898" "2165942"	EPO; JPO	2004/09/01 17:13
	1	"460849").pn.		-001,03,01 17.13
-	747		USPAT;	2004/09/01 17:14
		opening) with (tab or protru\$8)	US-PGPUB;	
	_	(harran an hannan) and the t	EPO; JPO	0004/00/01 15 55
1-	7	(hanger or hangar) same (aperture or opening) with (tab or protru\$8) same	USPAT; US-PGPUB;	2004/09/01 17:21
]	(identif\$8)	EPO; JPO	
-	671	(hanger or hangar) same (aperture or	USPAT;	2004/09/01 17:24
		opening or indicia or code or "bar code"	US-PGPUB;	
		or label) with (integral\$4 or molded)	EPO; JPO	
-	20	()	USPAT;	2004/09/01 17:28
		opening or indicia or code or "bar code" or label) with (integral\$4 or molded) same	US-PGPUB; EPO; JPO	
		clothes	EPO; UPO	
-	1	(hanger or hangar) same (aperture or	USPAT;	2004/09/01 17:30
		opening or indicia or code or "bar code"	US-PGPUB;	
		or label or tag) with (integral\$4 or	EPO; JPO	
		mold\$4 or ("one-piece" or "one piece")) same clothes same identif\$8		
_	848	223/85.ccls.	USPAT;	2004/09/01 18:03
]	220, 00100251	US-PGPUB;	2004/05/01 10:05
			EPO; JPO	•
-	17	1,	USPAT;	2004/09/01 18:04
		barcode or tag or label) with (mold\$4 or	US-PGPUB;	
_	58	integral\$4) 223/85.ccls. and (aperture or hole or	EPO; JPO USPAT;	2004/09/01 18:04
		opening) with (tab or protru\$4 or	US-PGPUB;	2004/09/01 18:04
		formation)	EPO; JPO	
- '	19		USPAT;	2004/09/01 18:04
		barcode or tag or label or chip) with	US-PGPUB;	•
	77	(mold\$4 or integral\$4)	EPO; JPO	2004/00/01 12 12
-	''	(223/85.ccls. and (aperture or hole or opening) with (tab or protru\$4 or	USPAT; US-PGPUB;	2004/09/01 18:10
		formation)) (223/85.ccls. and (RF or radio	EPO; JPO	
		or code or barcode or tag or label or		
		<pre>chip) with (mold\$4 or integral\$4))</pre>		
-	18	hanger same (aperture or hole or opening)	USPAT;	2004/09/01 18:14
		with (identif\$8 or recogniz\$6) same (cloth\$4 or garment or item or article)	US-PGPUB;	
-	12	<pre>(cloth\$4 or garment or item or article) hanger same (chip or circuit or ic) same</pre>	EPO; JPO USPAT;	2004/09/01 18:14
		(identif\$8 or recogniz\$6) same (cloth\$4 or	US-PGPUB;	2004/05/01 10:14
		garment or item or article)	EPO; JPO	
-	25	hanger same (chip or circuit or ic or	USPAT;	2004/09/01 18:54
1		radio or rf) same (identif\$8 or	US-PGPUB;	
		<pre>recogniz\$6) same (cloth\$4 or garment or item or article)</pre>	EPO; JPO	
-	66	(340/57\$.ccls. 223/\$.ccls.) and (hanger or	USPAT;	2004/09/01 18:47
		hangar) with (chip or ic or circuit or	US-PGPUB;	2003/03/01 10:4/
		label or tag or barcode or code or hole or	EPO; JPO	
	İ	opening or aperture) with (identif\$8 or		
		recogniz\$8 or read\$4)		

1 5611469.pn. 138 (hangar or hanger) with (chip or circuit or ic or radio or rf or barcode or code or label or tag or hole or aperture or opening) same (identif\$8 or recogniz\$6) same (cloth\$4 or garment or item or article or object) (hangar or hanger) same (chip or circuit or ic or radio or rf or barcode or code or label or tag or hole or aperture or opening) same (identif\$8 or recogniz\$6) same (cloth\$4 or garment or item or label or tag or hole or aperture or opening) same (identif\$8 or recogniz\$6) same (cloth\$4 or garment or item or article or object) 4258 (object or article or item) with (mold\$4 or embed\$4) with (code or tag or chip or rf or radio or transponder or ic or label) (object or article or item) with (mold\$4 or embed\$4) with (code or tag or chip or rf or radio or transponder or ic or label) same read\$4	19:15
- 138 (hangar or hanger) with (chip or circuit or ic or radio or rf or barcode or code or label or tag or hole or aperture or opening) same (identif\$8 or recogniz\$6) same (cloth\$4 or garment or item or article or object) - 202 (hangar or hanger) same (chip or circuit or ic or radio or rf or barcode or code or label or tag or hole or aperture or opening) same (identif\$8 or recogniz\$6) same (cloth\$4 or garment or item or article or object) - 4258 (object or article or item) with (mold\$4 or embed\$4) with (code or tag or chip or for radio or transponder or ic or label) - 602 (object or article or item) with (mold\$4 or embed\$4) with (code or tag or chip or rf or radio or transponder or ic or label) same read\$4 - 602 (object or article or item) with (mold\$4 or embed\$4) with (code or tag or chip or rf or radio or transponder or ic or label) same read\$4	. 19:15
label or tag or hole or aperture or opening) same (identif\$8 or recogniz\$6) same (cloth\$4 or garment or item or article or object) (hangar or hanger) same (chip or circuit or ic or radio or rf or barcode or code or label or tag or hole or aperture or opening) same (identif\$8 or recogniz\$6) same (cloth\$4 or garment or item or article or object) 4258 (object or article or item) with (mold\$4 or embed\$4) with (code or tag or chip or rf or radio or transponder or ic or label) 602 (object or article or item) with (mold\$4 or embed\$4) with (code or tag or chip or rf or radio or transponder or ic or label) same read\$4 EPO; JPO EPO; JPO USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO Same read\$4	. 19:16
or ic or radio or rf or barcode or code or label or tag or hole or aperture or opening) same (identif\$8 or recogniz\$6) same (cloth\$4 or garment or item or article or object) - 4258 (object or article or item) with (mold\$4 or embed\$4) with (code or tag or chip or rf or radio or transponder or ic or label) (object or article or item) with (mold\$4 or embed\$4) with (code or tag or chip or or embed\$4) with (code or tag or chip or or embed\$4) with (code or tag or chip or or embed\$4) with (code or tag or chip or or article or item) with (mold\$4 or embed\$4) with (code or tag or chip or or article or item) with (mold\$4 or embed\$4) with (code or tag or chip or or article or item) with (mold\$4 or embed\$4) with (code or tag or chip or or item) with (mold\$4 or embed\$4) with (code or tag or chip or or item) with (mold\$4 or embed\$5] with (code or tag or chip or item) with (mold\$4 or embed\$5] with (code or tag or chip or item) with (mold\$4 or embed\$5] with (code or tag or chip or item) with (mold\$4 or embed\$5] with (code or tag or chip or item) with (mold\$4 or embed\$5] with (code or tag or chip or item) with (mold\$4 or embed\$5] with (code or tag or chip or item) with (mold\$4 or embed\$5] with (code or tag or chip or item) with (mold\$4 or embed\$5] with (mold\$4 or embe	. 19:16
- 4258 (object or article or item) with (mold\$4 USPAT; or embed\$4) with (code or tag or chip or rf or radio or transponder or ic or label) (object or article or item) with (mold\$4 USPAT; Or embed\$4) with (code or tag or chip or rf or radio or transponder or ic or label) (SPAT; US-PGPUB; rf or radio or transponder or ic or label) (SPAT; US-PGPUB; rf or radio or transponder or ic or label) (SPAT; US-PGPUB; rf or radio or transponder or ic or label) (SPAT; US-PGPUB; EPO; JPO) (SAME POST)	
- 602 (object or article or item) with (mold\$4 USPAT; 2004/09/03 or embed\$4) with (code or tag or chip or uS-PGPUB; rf or radio or transponder or ic or label) EPO; JPO same read\$4	. 19:18
6 (hanger or hangar) with (mold\$4 or embed\$4) with (code or tag or chip or rf or radio or transponder or ic or label) same (sort\$4 or read\$4 or identif\$8 or 2004/09/03	19:19
recogniz\$8) (hanger or hangar) with (mold\$4 or uSPAT; 2004/09/03 embed\$4) with (aperture or opening or hole) same (sort\$4 or read\$4 or identif\$8 EPO; JPO or recogniz\$8)	19:22
- 253 (hanger or hangar) with (barcode or chip or ic or code) USPAT; US-PGPUB; EPO; JPO	19:22
- 128 (hanger or hangar) near5 (barcode or chip USPAT; US-PGPUB; EPO; JPO	19:26
- 11 (hanger or hangar) near5 (barcode or chip or ic or code) with information USPAT; US-PGPUB; EPO; JPO	19:27
- 37 (hangar or hanger) adj information USPAT; US-PGPUB; EPO; JPO	19:27
- 261 (hangar or hanger) near3 (characteristic USPAT; US-PGPUB; EPO; JPO	19:29
- 95 ((hangar or hanger) near3 (characteristic USPAT; US-PGPUB; or information)) and 223/\$.ccls. US-PGPUB; EPO; JPO	19:27
- 12 (hangar or hanger) near3 (characteristic USPAT; USPAT; US-PGPUB; or information) with (age or use or time) US-PGPUB; EPO; JPO	19:30
- 48 (hangar or hanger) near3 (characteristic USPAT; 2004/09/01 or information) with (age or use or time US-PGPUB; or size or sort\$4)	19:30
- 681 223/85.ccls. USPAT 2004/09/02 2004/09/00000000000000000000000000000000	
(tab or protrusion or formation) with USPAT; 2004/09/02 (aperture or hole or opening) with US-PGPUB; (identif\$8 or recogniz8) EPO; JPO	10:15
(tab or protrusion or formation) near4 USPAT; 2004/09/02 (aperture or hole or opening) with (identif\$8 or recogniz8) EPO; JPO	10:21
(tab or protrusion or formation) near4 USPAT; 2004/09/02 (aperture or hole or opening) with US-PGPUB; (identif\$8 or recogniz8) with (information EPO; JPO	10:24
or characteristic) - 288 ETCH\$4 with (barcode or "bar code") USPAT; US-PGPUB; EPO	11:15

_	186	40/322.ccls.	USPAT; US-PGPUB;	2004/09/02 11:23
-	186	40/322.ccls.	EPO USPAT; US-PGPUB;	2004/09/02 14:15
-	2	6000555.pn. 5555983.pn.	EPO; JPO USPAT; US-PGPUB;	2004/09/02 14:21
-	2	6000555.pn. 5555983.pn. and reject\$4	EPO; JPO USPAT; US-PGPUB;	2004/09/02 14:21
-	2	(6000555.pn. 5555983.pn.) and reject\$4	EPO; JPO USPAT; US-PGPUB;	2004/09/02 15:44
-	60	or ic or storage or RAM or ROM) with	EPO; JPO USPAT; US-PGPUB;	2004/09/02 16:09
		<pre>(embed\$4 or encapsulat\$4 or mold\$4 or integral\$4) with (mov\$4 or transport\$4 or expos\$4 or reveal\$4)</pre>	EPO; JPO	
-	78	("1756547" "3838252" "3864755" "4058839" "4100689" "4209811" "5302523" "4403138" "4518627" "4581523" "4592042" "4659915" "4672182" "4683371" "4707593" "4718697"	USPAT; US-PGPUB; EPO; JPO	2004/09/02 16:35
		"4731645" "4754128" "4756967" "4812633" "4826772" "4868373" "4889755" "4897533" "4998009" "5099111" "5107099" "5172282" "5206494" "5227212" "5236791" "5492754"		
		"5626970" "5696369" "5756220" "5801368" "5928759" "5939202" "5979774" "5997042" "6080476" "6116655" "6186398" "6196047"		
		"6221508" "6238809" "6268919" "6301068" "6311893" "6378037" d264853 d29694 d305887 d328457 d410769 d425876 d429733 d436991 d447146 d448776 "5041922" "5055155"		
		"5101097" "5147732" "5180640" "5191198" "5204513" "5206489" "2505523" "5217056" "5221838" "5254843" "5270523" "5286958"		
		"5288942" "5880454" "5621583" "5739975").pn.		
-	594	235/\$.ccls. and card with (memory or storage or chip) with remov\$4	USPAT; US-PGPUB; EPO; JPO	2004/09/02 16:50
-	359	235/\$.ccls. and card with (memory or storage or chip) near4 remov\$4	USPAT; US-PGPUB; EPO; JPO	2004/09/02 16:55
-	1	235/\$.ccls. and card with (memory or storage or chip) near4 remov\$4 with (mov\$4 or slid\$4) with relative	USPAT; US-PGPUB; EPO; JPO	2004/09/02 16:56
-	19	235/\$.ccls. and card with (memory or storage or chip) near4 remov\$4 with (mov\$4	USPAT; US-PGPUB;	2004/09/02 17:00
-	29	or slid\$4) 235/\$.ccls. and card with (memory or storage or chip or ic) adj (replac\$4 or	EPO; JPO USPAT; US-PGPUB;	2004/09/02 17:01
-	1265	remov\$4 or swap\$5) card with expos\$4 with (memory or chip or ic)	EPO; JPO USPAT; US-PGPUB;	2004/09/02 17:26
-	461	card with expos\$4 near3 (memory or chip or ic)	EPO; JPO USPAT; US-PGPUB;	2004/09/02 17:26
_	66	card with expos\$4 near3 (memory or chip or ic) with read\$4	EPO; JPO USPAT; US-PGPUB;	2004/09/02 17:42
-	92	card with expos\$4 near2 (memory or chip or ic or contact) with read\$4	EPO; JPO USPAT; US-PGPUB;	2004/09/02 17:52
-	73	card with expos\$4 with embed\$4 with (chip or ic or memory)	EPO; JPO USPAT; US-PGPUB;	2004/09/02 18:30
	L		EPO; JPO	

Cardy with (interchangs4 or replacs4 or storage or memory)	_	129	, , , , , , , , , , , , , , , , , , , ,	US-PGPUB;	2004/09/02 18:30
Storage or memory)	-	2998		USPAT;	2004/09/02 18:51
Chip or ic or storage or memory) Chip or ic or storage or memory) Chip or ic or storage or memory Chip or ic or storage or memory) Chip or ic or storage or memory) Chip or ic or storage or memory) Chip or switchs4 or replac84 or transport84 or memory Chip or ic or storage or memory Chip or ic or storage or memory or chip or ic or storage or mow84) near3 (module or memory or chip or ic or storage) Chip or ic or storage or mow84 Chip or ic or storage or hold84 or protect84 or carry84 or case Chip or ic or storage or hold84 or protect84 or carry84 or case Chip or protect84 or carry84 or case Chip or protect84 or carry84 or case Chip or protect84 or carry84 or case Chip or protect84 or carry84 or case Chip or protect84 or carry84 or case Chip or protect84 or carry84 or case Chip or protect84 Chip or protect84 or carry84 or case Chip or protect84 Chip or prote	-	436	storage or memory) 235/\$.ccls. and ((card) with (interchang\$4	USPAT;	2004/09/02 18:53
near3 (module or chip or ic or storage or semory) 235/8.ccls. and card with (remov\$4 or symitch84 or replac\$4 or transport\$4 or mov\$4) near3 (module or memory or chip or ic or storage) with (relative or respect) SPAT; SPAT	-	170	chip or ic or storage or memory)) 235/492.ccls. and ((card) with	EPO; JPO USPAT;	2004/09/02 19:01
	_	49	near3 (module or chip or ic or storage or memory))	EPO; JPO	2004/09/02 19:03
1091 235/S.ccls. and card with (remov\$4 or mov\$4) near3 (module or memory or chip or ic or storage) 235/S.ccls. and card with (cover\$4 or hold\$4) with clamshell US-PGPUB; EPO; JPO USPAT; U			switch\$4 or replac\$4 or transport\$4 or mov\$4) near3 (module or memory or chip or	US-PGPUB;	
2 235/\$.ccls. and card with (cover\$4 or hold\$4) with clamshell USPAP; USPAP; USPAP; USPAP; 2004/09/02 19:05 2004/09/02 19:05 2004/09/02 19:05 2004/09/02 19:05 2004/09/02 19:05 2004/09/02 19:05 2004/09/02 19:05 2004/09/02 19:05 2004/09/02 19:05 2004/09/02 19:06 2004/09/0	-	1091	235/\$.ccls. and card with (remov\$4 or switch\$4 or replac\$4 or transport\$4 or	US-PGPUB;	2004/09/02 19:04
-	-	2	235/\$.ccls. and card with (cover\$4 or	US-PGPUB;	2004/09/02 19:05
573 235/S.ccls. and card with (cover\$4 or hold\$4 or protect\$4 or carry\$4 or case) with (pivot\$4 or slid\$4 or rotat\$4) US-FGPUB; EPO; JPO USPAT; US-FGPUB; EPO; JPO	-	4	hold\$4 or protect\$4 or carry\$4 or case)	USPAT; US-PGPUB;	2004/09/02 19:05
372 235/\$.ccls. and card with (cover\$4 or hold\$4 or protect\$4 or carry\$4 or case) USPAT; US-PGPUB; EPO; JPO 235/\$.ccls. and cover near3 card with hing\$4 USPAT; US-PGPUB; EPO; JPO USPAT; USPAPBUB; EPO; JPO USPAT; USPAT; USPAPBUB; EPO; JPO USPAT; USPAT; USPAPBUB; EPO; JPO USPAT;	_	573	235/\$.ccls. and card with (cover\$4 or hold\$4 or protect\$4 or carry\$4 or case)	USPAT; US-PGPUB;	2004/09/02 19:06
- 9 235/\$.ccls. and cover near3 card with hing\$4 - 13 235/\$.ccls. and (cover\$4 or case) near3	_	372	235/\$.ccls. and card with (cover\$4 or hold\$4 or protect\$4 or carry\$4 or case)	USPAT; US-PGPUB;	2004/09/02 19:06
13 235/\$.ccls. and (cover\$4 or case) near3 USPAT; US-PGPUB; EPG; JPO 2004/09/02 19:46 2004/09/02 19:46 2004/09/02 19:57 2004/09/03 10:24 2004/09/03 10:24 2004/09/03 10:24 2004/09/03 10:27 2004/09/03 10:27 2004/09/03 10:27 2004/09/03 10:28 2004/09/03 10:28 2004/09/03 10:28 2004/09/03 10:28 2004/09/03 10:28 2004/09/03 10:28 2004/09/03 10:31 2004/09/03 1	-	9	235/\$.ccls. and cover near3 card with	USPAT; US-PGPUB;	2004/09/02 19:44
310 235/\$.ccls. and (cover\$4 or case or protect\$4) near3 card with (hing\$4 or pivot\$4 or rotat\$4 or slid\$4 or open\$4) EPG; JPO USPAT; US-PGPUB; EPG; JPO USPAT; US-PGPUB	-	13		USPAT; US-PGPUB;	2004/09/02 19:46
- 9715 (card and case).ab. - 245 (card and case).ab. and pivot\$4 - 107 card.ab. and case.ab. and (carrying.ab. or carry.ab.) and (card near2 (smart or ic or chip)) - 3 "credit card carrying case" - 7 "credit card" near3 (carry\$4 or case) with hing\$4 - 2 5748737.pn. 4812632.pn. - 6 ("4006507" "5638345" "5689105" "5808981" USPAT; US-PGPUB; EPO; JPO U	-	310	protect\$4) near3 card with (hing\$4 or	USPAT; US-PGPUB;	2004/09/02 19:57
- 245 (card and case).ab. and pivot\$4 - 107 card.ab. and case.ab. and (carrying.ab. or carry.ab.) and (card near2 (smart or ic or chip)) - 3 "credit card carrying case" - 7 "credit card" near3 (carry\$4 or case) with hing\$4 - 2 5748737.pn. 4812632.pn. - 6 ("4006507" "5638345" "5689105" "5808981" "6430114" "6677105").pn. - 34 235/\$.ccls. and (card with magnet\$7 with (arc or ring)) - 3 235/\$.ccls. and card same magnetic same density same coercivity - 2 2004/09/03 10:24 USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB;	_	9715		USPAT; US-PGPUB;	2004/09/02 19:57
107 card.ab. and case.ab. and (carrying.ab. or carry.ab.) and (card near2 (smart or ic or chip))	-	245	(card and case).ab. and pivot\$4	USPAT; US-PGPUB;	2004/09/03 10:24
- 3 "credit card carrying case" - 7 "credit card" near3 (carry\$4 or case) with hing\$4 - 2 5748737.pn. 4812632.pn. - 6 ("4006507" "5638345" "5689105" "5808981" US-PGPUB; EPO; JPO USPAT; US-PGPUB;	_	107	carry.ab.) and (card near2 (smart or ic or	USPAT; US-PGPUB;	2004/09/03 10:27
7 "credit card" near3 (carry\$4 or case) with hing\$4	-	3		USPAT; US-PGPUB;	2004/09/03 10:28
Comparison of the content of the c	-	7	hing\$4	USPAT; US-PGPUB;	2004/09/03 10:31
"6430114" "6677105").pn. 34 235/\$.ccls. and (card with magnet\$7 with (arc or ring)) 35 235/\$.ccls. and card same magnetic same (USPAT; (DSPAT); (-		-	US-PGPUB;	2004/09/03 10:31
(arc or ring)) - 3 235/\$.ccls. and card same magnetic same US-PGPUB; EPO; JPO USPAT; 2004/09/07 09:29 density same coercivity US-PGPUB;	-		"6430114" "6677105").pn.	US-PGPUB; EPO; JPO	2004/09/07 08:09
density same coercivity US-PGPUB;	-		(arc or ring))	US-PGPUB; EPO; JPO	2004/09/07 08:25
	-	_	density same coercivity		
- 4 card same magnetic same (high near4 density) same (high near4 coercivity) USPAT; 2004/09/07 09:35 US-PGPUB; EPO; JPO	-	4	card same magnetic same (high near4 density) same (high near4 coercivity)	US-PGPUB;	2004/09/07 09:35

_	0	card same magnetic same coating with (abradable or abradeable)	USPAT; US-PGPUB;	2004/09/07 09:35
-	0	card same magnetic same (abradable or abradeable)	EPO; JPO USPAT; US-PGPUB;	2004/09/07 09:36
-	26	magnetic same (abradable or abradeable)	EPO; JPO USPAT; US-PGPUB;	2004/09/07 09:36
-	56	magnetic same (card) same protect\$4 near3 coating	EPO; JPO USPAT; US-PGPUB;	2004/09/07 09:38
-	4	magnetic same (card) same protect\$4 near3 coating with (strip or stripe)	EPO; JPO USPAT; US-PGPUB;	2004/09/07 09:38
-	78	card same magnetic same (film) with "magnetic field"	EPO; JPO USPAT; US-PGPUB;	2004/09/07 09:58
-	14	235/\$.ccls. and card same magnetic same (film) with "magnetic field"	EPO; JPO USPAT; US-PGPUB;	2004/09/07 10:03
-	8	235/\$.ccls. and card same "magnetic field" near3 orient\$7	EPO; JPO USPAT; US-PGPUB;	2004/09/07 10:04
-	53	card same "magnetic field" near3 orient\$7	EPO; JPO USPAT; US-PGPUB;	2004/09/07 10:05
-	24	card with "magnetic field" near3 orient\$7	EPO; JPO USPAT; US-PGPUB;	2004/09/07 10:06
-	24	magnetic near2 strip\$1 with "thin film" same card	EPO; JPO USPAT; US-PGPUB;	2004/09/07 10:37
-	676	card same read\$4 with transducer same magnet\$4	EPO; JPO USPAT; US-PGPUB; EPO; JPO	2004/09/07 10:37
-	15	card same read\$4 with transducer same magnetic\$5 same ("thin film" or induct\$4)	USPAT; US-PGPUB; EPO; JPO	2004/09/07 10:44
-	1	card same magnetic near2 (strip or stripe) same read\$4 same transducer with induct\$5	USPAT; US-PGPUB; EPO; JPO	2004/09/07 10:45
-	1	4423451.pn.	USPAT; US-PGPUB; EPO; JPO	2004/09/07 11:00
-	13	"thin film" same magnetic same transducer same card same read\$4	USPAT; US-PGPUB; EPO; JPO	2004/09/07 11:03
-	188	magnetic near3 strip\$1 same transducer same read\$4	USPAT; US-PGPUB; EPO; JPO	2004/09/07 11:05
_	4	magnetic near3 strip\$1 same "inductive read head" same card	USPAT; US-PGPUB; EPO; JPO	2004/09/07 11:06
_	6	magnetic same "inductive read head" same card	USPAT; US-PGPUB; EPO; JPO	2004/09/07 11:33
-	14	card same "magnetic field" with (perpendicular\$4 or parallel or acute) with (read\$4 or station)	USPAT; US-PGPUB; EPO; JPO	2004/09/07 11:38
-	53	card same "magnetic field" near3 (perpendicular\$4 or parallel or acute)	USPAT; US-PGPUB; EPO; JPO	2004/09/07 11:52
-	2	card same "magnetic field" near3 (perpendicular\$4 or parallel or acute) with (reader or processor or station)	USPAT; US-PGPUB; EPO; JPO	2004/09/07 11:54
-	28	card with "magnetic field" near3 (perpendicular\$4 or parallel or acute)	USPAT; US-PGPUB; EPO; JPO	2004/09/07 12:05
-	10	("4891254" "6557758" "6176434" "5962834" "6746053" "6330696" "20020066757" "5913462" "5381938" "5419439").pn.	USPAT; US-PGPUB; EPO; JPO	2004/09/07 12:05

-	10	("4891254" "6557758" "6176434" "5962834"	USPAT;	2004/09/07 12:20
1		"6746053" "6330969" "20020066757"	US-PGPUB;	
]	"5913462" "5381938" "5419439").pn.	EPO; JPO	
-	32	235/\$.ccls. and card same magnetic with	USPAT;	2004/09/07 13:50
		(isotropic or anisotropic or platinum or	US-PGPUB;	
		alloy)	EPO; JPO	